

SN. 09/712,365

ATTORNEY DOCKET No.: 81759RLO  
(ROSSI DOCKET No.: KODA:316)IN THE CLAIMS*The status of the claims as presently amended is as follows:*

1-3. (Canceled)

4. (Currently Amended) The method of claim ~~[[25]]26~~, wherein ~~the first, second, and third statistical tables~~default statistical tables, the statistical noise data table and the resultant calculated noise characteristic table each include a series of standard deviation values for different ranges of scanner intensities~~provided by the first scanner~~.

5. (Currently Amended) The method of claim ~~[[25]]26~~, wherein ~~the first, second, and third statistical tables~~default statistical tables, the statistical noise data table and the resultant calculated noise characteristic table each include at least one histogram.

6. (Currently Amended) The method of claim ~~[[25]]26~~, wherein ~~the first, second, and third statistical tables~~default statistical tables, the statistical noise data table and the resultant calculated noise characteristic table each include a series of histograms for different ranges of scanner intensities~~provided by the first scanner~~.

7. (Canceled)

8. (Currently Amended) The method ~~claimed in~~of claim 4, wherein the resultant calculated noise characteristic table is used in processing the digital image to generate an enhanced digital image~~for enhancing such digital image~~.

9. (Currently Amended) The method ~~claimed in~~of claim 8, wherein a spatial filter is used to calculate an~~the~~ enhanced digital image.

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10. *(Currently Amended)* The method ~~claimed in~~ claim 8, further including the step of using the resultant calculated noise characteristic table and a noise reduction filter to calculate ~~an~~the enhanced digital image.

11. *(Currently Amended)* The method ~~claimed in~~ claim 8, further including the step of using the resultant calculated noise characteristic table and a spatial sharpening filter to calculate ~~an~~the enhanced digital image.

12. *(Currently Amended)* The method ~~claimed in~~ claim 8, further including the step of using the resultant calculated noise characteristic table, a noise reduction filter and a spatial sharpening filter to calculate ~~an~~the enhanced digital image.

13-25. *(Canceled)*

26. *(New)* A method of estimating noise in a digital image comprising:

accumulating statistical noise data in a plurality of default statistical tables, wherein each default statistical table corresponds to a unique source identification tag associated with a particular film type, and wherein the statistical noise data within a given default statistical table is related to a particular film type;

utilizing image pixel data from a digital image to calculate a statistical noise data table corresponding to the digital image;

utilizing a source identification tag corresponding to the digital image to select a default statistical table from the plurality of default statistical tables; and

utilizing the selected default statistical table in conjunction with the statistical noise data table corresponding to the digital image to generate a resultant calculated noise characteristic table.

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27. (New) A method as claimed in claim 26, wherein the digital image is generated by a scanning device capable of scanning a film and generating image pixel data corresponding to the digital image and a source identification tag corresponding to the digital image.